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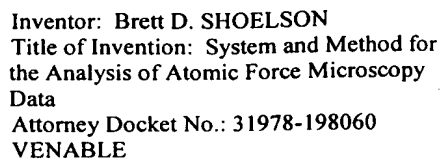


FIG. 1

FIG. 2

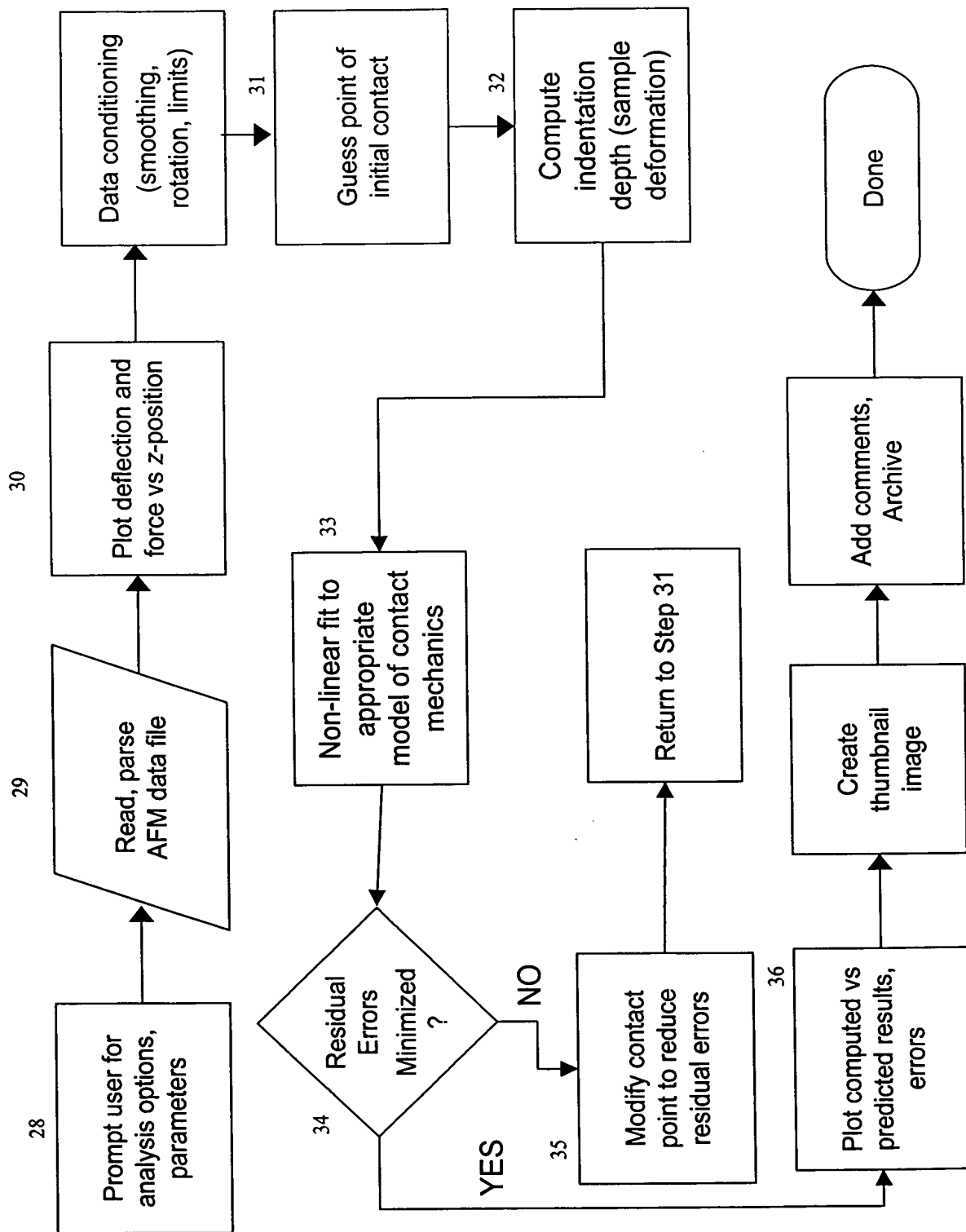


FIG. 3

37

AFM Analyze Options

38 Force-Distance Curve Analysis 39 Force-Volume Analysis 40 Lateral Force Analysis

File Extension:

☐ Show all files

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☒ Show only \*.asc files

☐ Other files

Tip Type:

☒ Pyramidal Cantilever Tip

☐ Spherical Cantilever Tip

☐ Conical Cantilever Tip

Cantilever Parameters:

Vertex inclination (deg)	35
Tip Radius (microns)	4.0
Conical Half-Angle (deg)	18

☒ Close All Figures

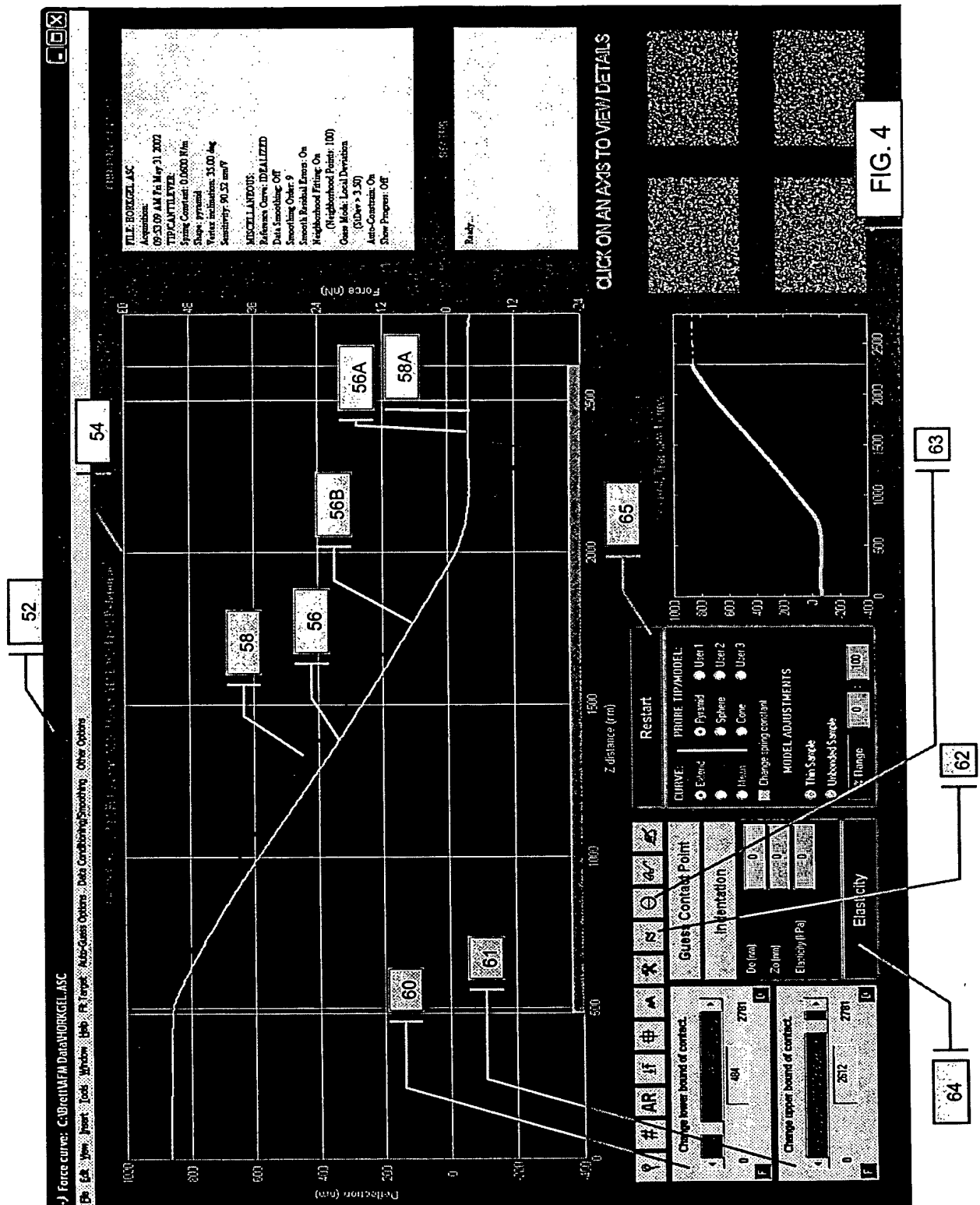
Manufacturer: DIveeco 42

Software Version: 4.3x14.4x 44

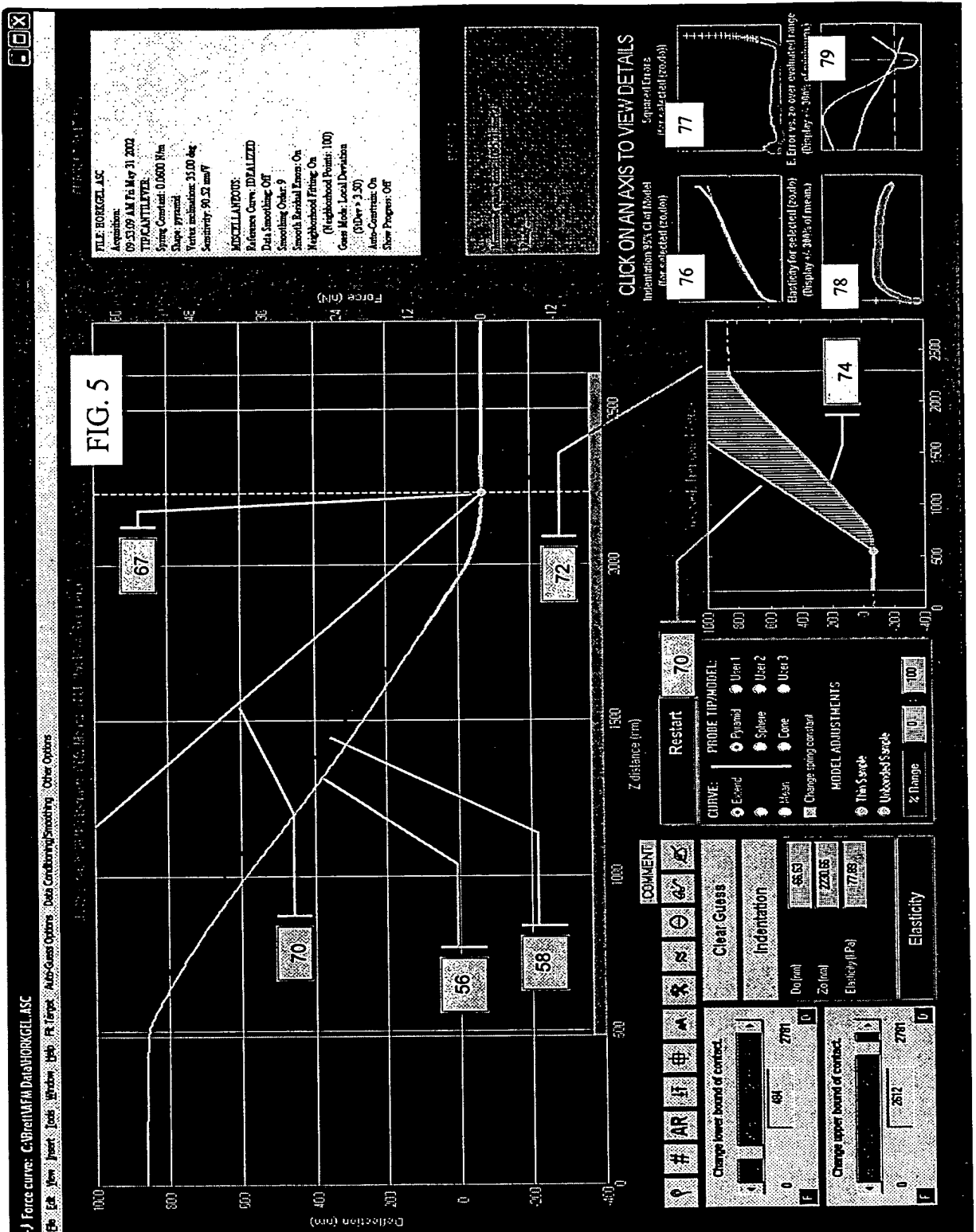
Start search in: C:\Brett\AFM Data

CONTINUE... 51

CANCEL



Inventor: Brett D. SHOELSON  
 Title of Invention: System and Method for  
 the Analysis of Atomic Force Microscopy  
 Data  
 Attorney Docket No.: 31978-198060  
 VENABLE

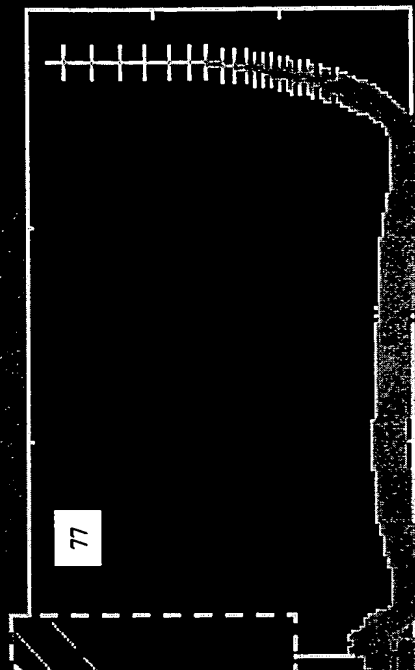
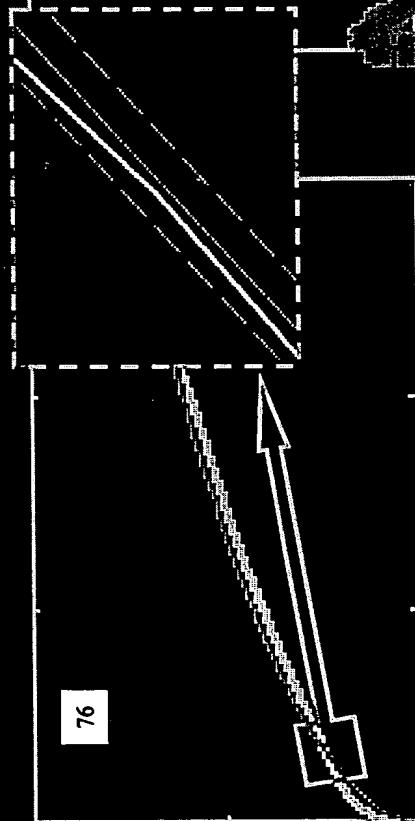


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CLICK ON AN AXIS TO VIEW DETAILS

Incident: 95% CI of Model  
(for selected (zo,d0))

Squared Errors  
(for selected (zo,d0))



Elasticity for selected (zo,d0)  
(Display +/- 300% of mean.)

E, Error vs. zo over evaluated range  
(Display +/- 300% of minimum.)

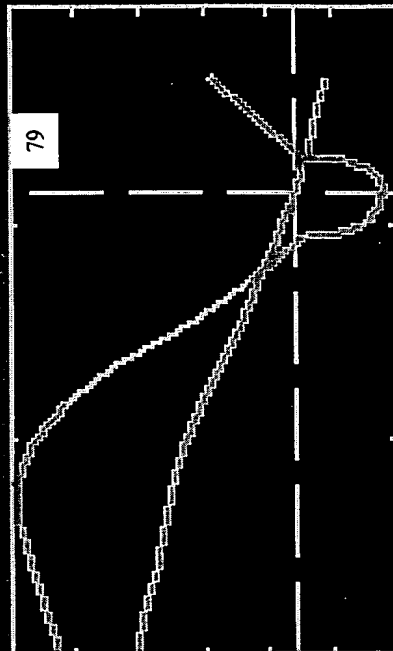
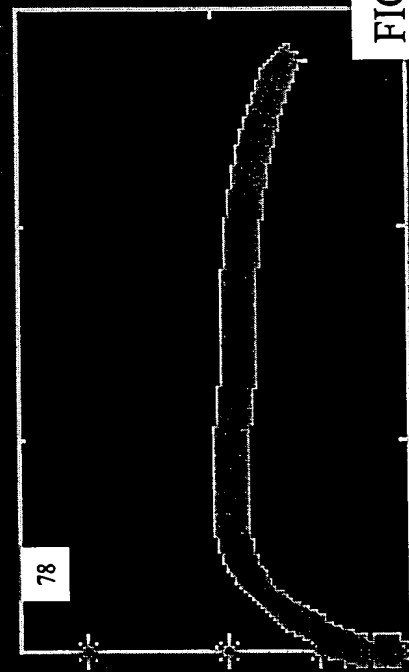
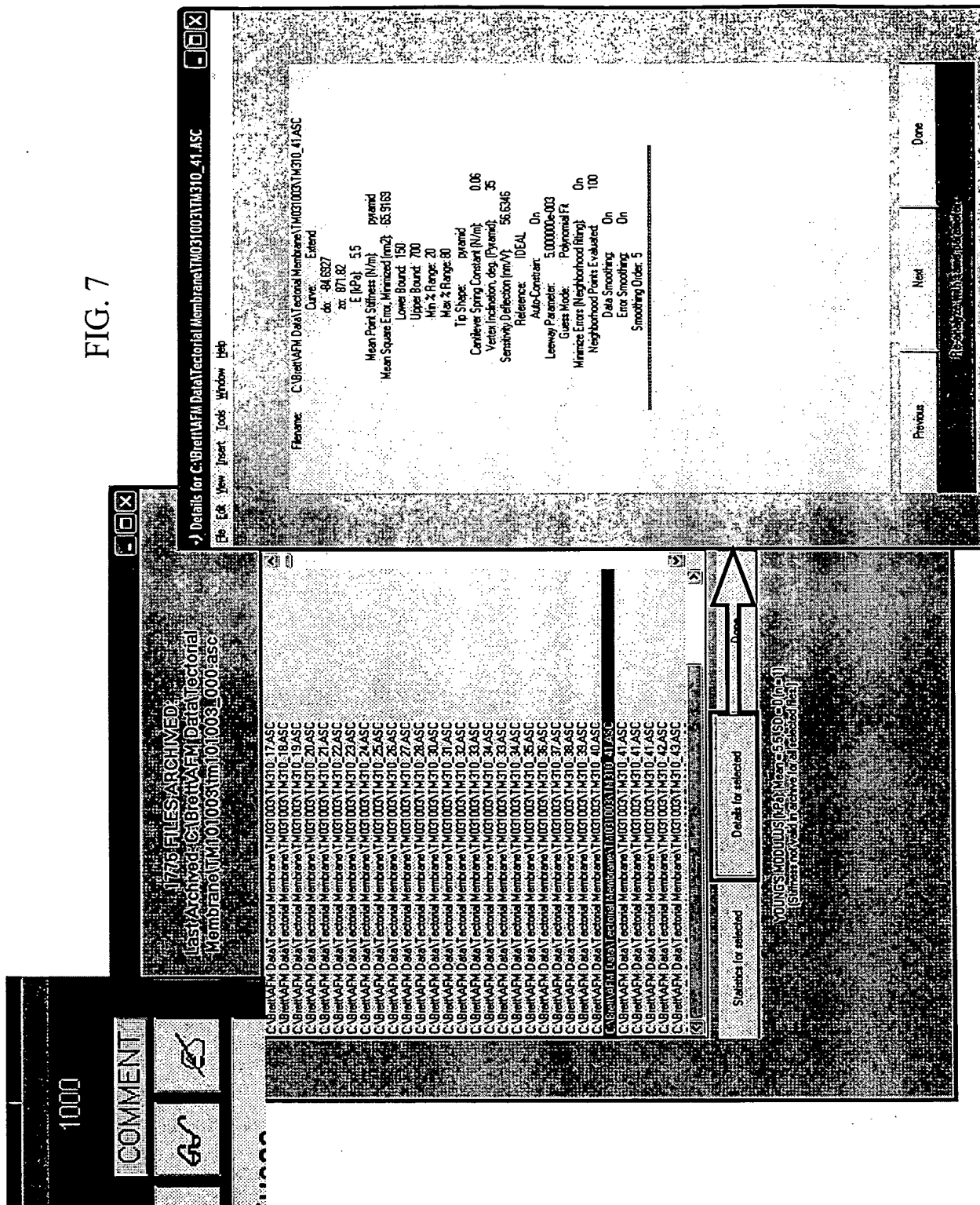


FIG. 6

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FIG. 7



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FIG. 8

Microsoft Excel - AFM real-time.xls

100% - 0.1 sec

File Edit View Insert Format Tools Data Window Help

File Edit View Insert Format Tools Data Window Help

File Edit View Insert Format Tools Data Window Help

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File Edit View Insert Format Tools Data Window Help

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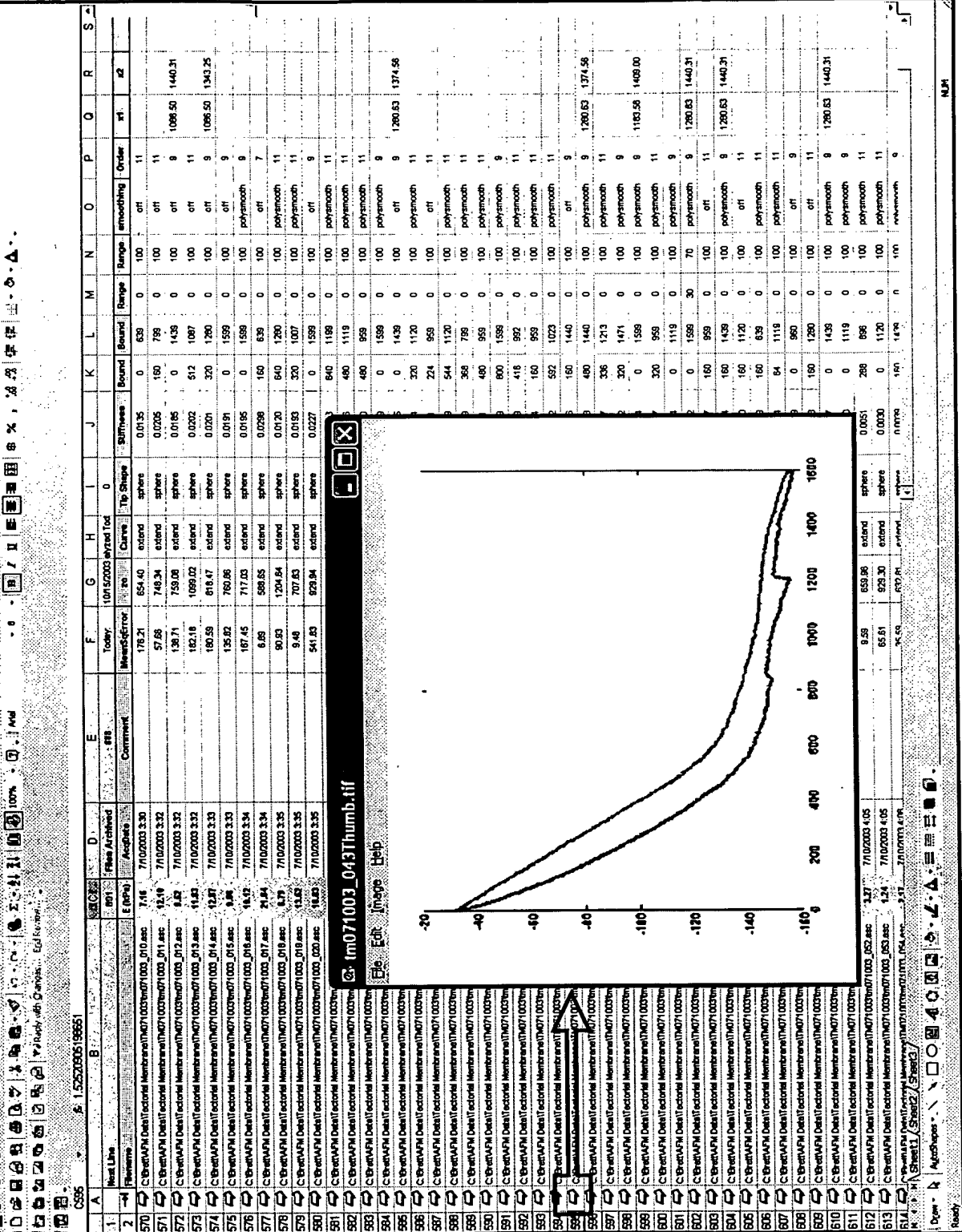
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